



CIVIL-AID

Ref: CIVIL AID:SB: BL/2056/4/2016
Test order dated: 25.4.16

Date: 3.5.2016

M/s Fusion Building Materials Pvt. Ltd.
Door No. 305, 11th A Cross, 20th Main
J.P. Nagar 2nd Phase
Bangalore 560 078

TEST REPORT ON AAC BLOCKS

Source of Sample	:	Sample supplied by the customer
No. of samples tested	:	12 (Twelve)
UIN	:	160011734
Customer's Reference	:	Letter dated 12.4.16
Project*	:	Not furnished
Period of Test	:	26.4.16 to 3.5.16
Condition of samples	:	Satisfactory
Test Method	:	IS: 6441 (Part 1 and 5) – 1972 (Reaffirmed 2012) and IS: 6598 – 1972 (Reaffirmed 2010)

COMPRESSIVE STRENGTH:

Sl No	Size of the sample* (mm)	Size of test Specimen (mm)	Compressive Strength (N/mm ²)	Minimum Compressive strength as per IS:2185 (Part-III)-1984 (Reaffirmed 2010)
1	4"	150 x 150 x 150	4.4	For Grade 1- Min.4.0 N/mm ² For Grade 2- Min.3.0 N/mm ²
2	6"	150 x 150 x 150	4.6	
3	8"	150 x 150 x 150	3.7	
4	9"	150 x 150 x 150	3.7	

WATER ABSORPTION: (Capillary Absorption)

Sl No	Size of the sample* (mm)	Size of test Specimen (mm)	Water Absorption (% by weight)	Requirement as per IS: 6598 – 1972 (Reaffirmed 2010)
1	4"	40 x 40 x 160	14.6	Max. 20%
2	6"	40 x 40 x 160	19.0	
3	8"	40 x 40 x 160	19.6	
4	9"	40 x 40 x 160	18.0	

BLOCK DENSITY:

Sl No	Size of the sample* (mm)	Size of test Specimen (mm)	Oven dry density (kg/m ³)	Requirements as per IS:2185 (Part-III)-1984 (Reaffirmed 2010)
1	4"	200 x 100 x 50	613	551 to 650 kg/m ³
2	6"	200 x 100 x 50	617	
3	8"	200 x 100 x 50	582	
4	9"	200 x 100 x 50	569	

* As furnished by the customer

- Note:
1. The results relate only to the items tested.
 2. Report shall not be reproduced except in full, without written approval of the lab.
 3. Any corrections invalidate this report.

for CIVIL AID TECHNOCLINIC PVT. LTD.

Handwritten signature and date 5/5/16

Radhakrishna

Manager, Lab



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